

AMENDMENTS TO THE CLAIMS

1. (Currently amended) A security system, ~~having a unique security~~
~~identification~~ comprising:

a control device that includes a keypad for inputting a request for permission to
operate a plurality of vehicle security systems, wherein after the request has been input, a
first message that includes the request and an identification of the control device is
wirelessly transmitted from the control device; and

a control module that includes a database for storing operating parameters that are
to be granted to control devices that have permission to operate the vehicle security
systems, wherein upon receipt of the first message, the control module grants the control
device permission to operate the vehicle security systems if the identification of the
control device matches an identification of one of the control devices stored in the
database, wherein if there is a match the control module wirelessly transmits a second
message to the control device, the second message including operating parameters of the
control device,

wherein upon receipt of the second message, the control device selectively
controls the vehicle security systems in accordance with the operating parameters

~~a wireless control device for controlling the security system, wherein the wireless~~
~~control device transmits a message to the security system comprising the unique security~~
~~identification and a function command, the wireless control device comprising a keypad~~
~~for entering a tag identification corresponding to the unique security identification; and~~

~~an authentication control module for granting an operational parameter of the wireless control device, wherein the wireless control device comprises a serial number known to a database including the operational parameter, wherein the database is accessible by the authentication control module.~~

2-4. (Previously canceled)

5. (Currently amended) The security system of claim 1, ~~further comprising an interface of wherein the operating parameters and permissions to operate are provided to the authentication control module by a computer that is coupled to the control module via an interface of the control module.~~

6. (Currently amended) The security system of claim 5, wherein the operating parameters are set and the permissions to operate are assigned by using interface is a computer software application operating on product stored in a the computer coupled to the authentication control module.

7. (Canceled herein)

8. (Currently amended) The security system of claim 1, wherein the control device selectively controls one of the vehicle security systems by wirelessly transmitting a third message to a vehicle security system, the third message including the tag identification is mixed with a base identification of the database to determine the a unique

security identification of the vehicle security system and a command identifying a function to be performed by the vehicle security system.

9. (Canceled herein)

10. (Currently amended) The method of claim 9 42, further comprising:
receiving the third message at the vehicle security system; and
comparing, at the vehicle security system, the unique security identification in the third message to a stored unique security identification stored in the vehicle security system.

11. (Currently amended) The method of claim 9 10, further comprising
executing performing the security system command function upon determining that the unique security identification in the third message to correspond to a stored is the same as the unique security identification stored in the vehicle security system.

12. (Canceled herein)

13. (Currently amended) The method of claim 9 11, wherein the security system command controls function performed is one or more of a door lock feature, an door unlock feature, a vehicle find feature, a vehicle panic feature, an vehicle security system arm feature, a vehicle security system disarm feature, a light on or off feature, an engine start or stop feature, and a trunk open or close feature.

14. (Currently amended) The method of claim 9 42, further comprising broadcasting ~~transmitting the third~~ message to ~~control~~ at least two vehicle security systems that share the same unique identification.

15. (Currently amended) The method of claim 9 42, further comprising defining functions of the security system in the control device transmitting, from the control device, a fourth message to the vehicle security system, the fourth message including new functions to be programmed into the vehicle security system.

16. (Currently amended) The method of claim 9 42, further comprising changing an operating mode of at least one of the vehicle security systems, ~~wherein changing the mode is permanently defined by using a global master~~ control device without permission being granted by the control module.

17. (Canceled herein)

18. (Currently amended) The method of claim 9 42, ~~further comprising defining, permanently, wherein~~ the base identification of the database is permanently defined in the control device.

19. (Currently amended) The method of claim 9 42, wherein the operating parameters include functions that the control device has permission to instruct the vehicle

~~security system to perform further comprising defining a permission for transmitting the security system command according to an authentication control module message.~~

20. (Canceled herein)

21. (Currently amended) The method of claim 20 19, wherein the base identification of the database in the control device expires after a pre-determined time interval included in the operating parameters.

22. (Currently amended) The method of claim 9 21, wherein the base identification of the database in the control device expires after a time interval that is set selectable in an authentication by using the control module.

23-24. (Previously canceled)

25. (Canceled herein)

26. (Currently amended) The method of claim 9 19, wherein the functions that the control device has permission to instruct the vehicle security system to perform are set by using the authentication control module sets a permission for the security system function.

27. (Currently amended) The method of claim 9 42, wherein the operating parameters include operating modes of the vehicle security system, wherein the operating modes are set by using the authentication control module selectively sets a permission changing a mode of the security system.

28. (Currently amended) The method of claim 9 42, ~~comprising communicating wirelessly, two-way;~~ wherein communication between the authentication control module and the control device is wireless and two-way.

29. (Currently amended) The method of claim 9 42, ~~comprising communicating, two-way;~~ wherein communication between the authentication control module and the control device is via a docking station.

30. (Currently amended) The method of claim 9 42, wherein the vehicle security system has a dealer mode and a consumer mode ~~comprising changing a mode of the security system wirelessly.~~

31. (Currently amended) The method of claim 9 30, wherein a the dealer mode provides a passive arming function and a test drive function.

32. (Currently amended) The method of claim 9 30, wherein a the consumer mode provides at least one of a remote security function, a keyless entry function, a

security upgrade to keyless entry function, a remote car start function, and a remote car start upgrade to keyless entry function.

33. (Currently amended) A security system, having a unique security identification comprising:

a control device that includes a means for entering a request for permission to operate a plurality of vehicle security systems, wherein after the request has been entered, a first message that includes the request and an identification of the control device is wirelessly transmitted from the control device; and

a control module that includes a database for storing operating parameters that are to be granted to control devices that have permission to operate the vehicle security systems, wherein upon receipt of the first message, the control module grants the control device permission to operate the vehicle security systems if the identification of the control device matches an identification of one of the control devices stored in the database, wherein if there is a match the control module wirelessly transmits a second message to the control device, the second message including operating parameters of the control device,

wherein upon receipt of the second message, the control device selectively controls the vehicle security systems in accordance with the operating parameters

a control device for controlling the security system, wherein the control device transmits a message to the security system comprising the unique security identification and a function command, the control device comprising a means for entering a tag identification corresponding to the unique security identification; and

an authentication control module for granting an operational parameter of the control device, wherein the control device comprises a serial number known to a database including the operational parameter, wherein the database is accessible by the authentication control module.

34-36. (Previously canceled)

37. (Currently amended) The security system of claim 33, ~~further comprising an interface of~~ wherein the operating parameters and permissions to operate are provided to the authentication control module by a computer that is coupled to the control module via an interface of the control module.

38. (Currently amended) The security system of claim 37, wherein the operating parameters are set and the permissions to operate are assigned by using ~~interface is a computer software application operating on product stored in a the~~ computer coupled to the authentication control module.

39. (Canceled herein)

40. (Currently amended) The security system of claim 34 ~~33~~, wherein the control device selectively controls one of the vehicle security systems by wirelessly transmitting a third message to a vehicle security system, the third message including the tag identification is mixed with the base identification of the database to determine the a

unique security identification of the vehicle security system and a function to be performed by the vehicle security system.

41. (Canceled herein)

42. (Currently amended) A method for selectively controlling a vehicle security system, comprising:

transmitting, from a control device, a first message including a request for permission to operate a plurality of vehicle security systems and an identification of the control device;

~~receiving, at an authentication a control module, a the first message requesting access to the vehicle security system, the first message including an authentication request and an identification code of a control device;~~

granting or denying, at the control module, the control device access permission to operate the vehicle security systems based on information stored within a database accessible by the control module; and

providing transmitting, from the control module, a second message to the control device when access permission to operate the vehicle security systems is granted, the second message including an operational parameters of the control device and a base identification of the database; and

selectively controlling one of the vehicle security systems, by transmitting, from the control device, a third message to a vehicle security system, the third message

including a unique identification of the vehicle security system and a command identifying a function to be performed by the vehicle security system.

43. (Currently amended) The method of claim 42, wherein the unique identification is created by ~~when access to the vehicle security system is granted to the control device, the method further comprises:~~

receiving a tag identification of the vehicle security system to be controlled at the control device; and

~~determining a security identification based on~~ mixing the tag identification with the base identification; ~~and~~

~~transmitting a third message comprising the security identification and a security system command from the control device to the vehicle security system.~~

44. (New) A security system, comprising:

a computer that includes a database for storing operating parameters that are to be granted to control devices that have permission to operate a plurality of vehicle security systems, wherein the operating parameters include time intervals during which the control devices have permission to operate the vehicle security systems, wherein the time intervals are set to a first clock in the computer;

a control module that includes a second clock synchronized with the first clock, the control module for granting or denying the control devices permission to operate the vehicle security systems based on the permissions stored in the database; and

a control device that includes a keypad for inputting a request for permission to operate the vehicle security systems and a timer for measuring time intervals, the control device transmitting a first message to the control module, the first message including the request and an identification of the control device, wherein if permission to operate the vehicle security systems is granted by the control module, the control device receives a second message that includes operating parameters assigned to the control device, the operating parameters including a first time interval during which the control device can operate the vehicle security systems,

wherein after receiving the second message, the control device operates one of the vehicle security systems during the first time interval by transmitting a third message to a vehicle security system, the third message including a unique identification of the vehicle security system and a command identifying a function to be performed by the vehicle security system,

wherein at an end of the first time interval measured by the timer, the permission to operate the vehicle security system is expired.